REMARKS

Very thanks for Examination's suggestion and thanks for finding some citations about the present invention, thereby, the applicant may know more information about the invention. This case has been carefully reviewed and analyzed in view of the office action. All details of the reference prior arts are fully considered and compared with the present invention.

ABOUT THE REJECTION SPECIFICATION

Responsive to the objections and rejections made of the Examiner in office action. We have amended the specification and claims. All the errors disclosed in that office action has been corrected according to the Examiner's indications disclosed in the official action.

ABOUT CLAIM REJECTION OF 35USC102 AND 103

Indeed the citations disclose some features of the present invention, and the applicant agrees with these viewpoints, however applicant discovers that some main features of the present invention are not disclosed in the citation which can form the novelty and inventive step of the present invention.

To illustrate the novelty of the present invention and overcome the objection from the citations, the applicant decides to Please cancel Claims 1 to 4, without prejudice or disclaimer of the subject matter thereof, and add new claims 5 to 7. The added new claim 5 is based on the original claims 1 and 4 and the features in Fig. 12 of the present invention. The new claim 6 and 7 are identical to the original claims 2 and 3, respectively, but now they are dependent to the new claim 4. Claim 8 is a new claim which is described in Fig. 13 and Fig. 5 of the present invention. The contents are also described in the second paragraph, page 4 of the specification. Claims 8 and 9 are a new claim which is described in Fig.

13 of the present invention. Thereby, it is assured that the new claims are based on the original claim and specification and thus no new matter is added. The relation of the new claims with respect to the original claims are shown in the following.

CLAIMS SHOWING CHANGES AND NUMERALS FOR DISCUSSION IN THE REMARK

Claims 1 to 4 (Cancelled)

Claim 5. (New) ~~1.~~ A socket wrench for ratchet wheel sockets, comprising:

a handle 2 having a first and a second recess 21 at a first terminal thereof,

an first empty space between a pair of first ear portions 22 defining said first recess, each of said first ear portions 22 being provided with an axial hole;

a first drive piece 1 for retaining a first ratchet wheel 12 on which a ratchet wheel socket can be mounted, said recess of said handle ~~being capable of~~ receiving a pivotal portion of said first drive piece; and

a first retaining pin 3 for connecting said handle 2 and said first drive piece 1 by being inserted though said axial holes 23 of said first ear portions 22 and said pivotal portion of said first drive piece;

a second empty space between a pair of second ear portions defining said second recess, each of said second ear portions 22 being provided with an axial hole;

a second drive piece 1 for retaining a second ratchet wheel 12 on which a ratchet wheel socket can be mounted, said recess of said handle ~~being capable of~~ receiving a pivotal portion of said second drive piece; and

a second retaining pin 3 for connecting said handle 2 and said

second drive piece 1 by being inserted though said axial holes 23 of said second ear portions 22 and said pivotal portion of said second drive piece;

wherein the driving axes of the first drive piece 1 and the second drive piece 5 are perpendicular to each other.

whereby each said drive piece 1 can be folded about a respect one of said retaining pins ~~pin~~ 3 to change the angular position of said drive piece 1 with respect to said handle 2.

Claim 6. (New) ~~2.~~ The socket wrench for ratchet wheel sockets of claim 5 ~~1~~ wherein said drive piece 1 has a lock means for switching the rotational direction of said ratchet wheel of said drive piece.

Claim 7. (New) ~~3.~~ The socket wrench for ratchet wheel sockets of claim 5 ~~1~~ wherein said retaining pin 3 is provided with a plurality of elongated longitudinal jogs 31 for providing a frictional effect on said drive piece 1 so that a selected angular position can be maintained.

Claim 8. (New) The socket wrench for ratchet wheel sockets of claim 5, wherein at least one of the first and second driving pieces is provided with a receptacle hole 11 for retaining one ratchet wheel 12; the ratchet wheel 12 is a hollow cylinder, an outer wall thereof is provided a plurality of teeth 121 and an inner wall thereof is provided with a plurality of bulged gripping portions 122; the gripping portions 122 are divided into an upper half and a lower half by a groove 123; the groove 123 is housed with an O-shaped gripping plate 124 for retaining a socket 4.

Claim 9. (New) The socket wrench for ratchet wheel sockets of claim 8, wherein the drive piece 1 is further provided with a lock means that includes a through hole 13, being coaxial with the axis of the recess portion 21, and a locking pin 14; the through hole 13 is formed on the handle side of the receptacle

hole 11, having a central section connected to the receptacle hole 11; the locking pin 14 is pivotally mounted within the through hole 13 and can slide along the through hole 13; the locking pin 14 is provided with a recessed central section that fits the circumference of the receptacle hole 11 and has a first teeth row 141 and a second teeth row 142; the teeth rows is engaged with the teeth 121 on the outer wall of the ratchet wheel 12; the first teeth row 141 and the second teeth row 142 each restrict the rotation of the ratchet wheel 12 in a predetermined direction.

~~4. The socket wrench for ratchet wheel sockets of claim 1 wherein said handle further includes a second drive piece 1 at a second terminal thereof.~~

DISCUSSION ABOUT THE NOVELTY THE PRESENT INVENTION

There are three citations, USP2003/0188608, USP4,463,632, USP6,341,543 being used to object the novelty of the present invention. In fact the applicant confesses that these citations have the feature of the driving piece 1 of the present invention as described in the original claim 1. However some detail features of the present invention are not disclosed in the present invention. Thereby the claims of the present invention are modified to show the novelty of the present invention. These novel features will be discussed in the following.

(1) The main feature of the new claim 5 is illustrated in Fig. 12. The feature of Fig. 12 is that the spanner has two driving portions at two ends. Moreover the driving axes of the first drive piece 1 and the second drive piece 5 are perpendicular to each other.

Moreover in the new claim 5, we have defined that the two driving

pieces 1 have identical structure.

In the office action, the Hsien's Patent, USP 2003/0188608, is used to object the original claim 4 of the present invention because original claim 4 defines that the spanner has two driving pieces.

However the citation '608 has disclosed some spanner having two driving pieces, but the two driving pieces are different, that is one of the two driving pieces in the citation '608 is different from that of the present invention.

Moreover other citations USP4,463,632, USP6,341,543do not disclose a spanner having two driving pieces which are identical as those indicated in the present invention.

(2) The new claims 8 show the features in Fig. 13 of the present invention (it also illustrates in Figs. 4 and 5 for the wrench having one driving piece). In that, "the ratchet wheel 12 is a hollow cylinder wherein the outer wall is provided a multitude of teeth 121 and the inner wall is provided with a plurality of bulged gripping portions 122, the gripping portions 122 are divided into an upper half and a lower half by a groove 123; the groove 123 can house an O-shaped gripping plate 124 for retaining a socket 4."

However no citation has disclosed similar structure. The USP2003/0188608, USP4,463,632, USP6,341,543 have disclosed ratchet wheels with inner teeth, for example, the ratchet wheel in Fig. 6 of the citation USP2004/0188608, the ratchet wheel in Fig. 10 of the citation USP6,341,543. However, no similar structure like above mentioned is disclosed. However above mentioned structure has the effect of stabilizing the ratchet wheel.

(3) Since in above discussion, the claim 5 and 8 are novel and

inventive, the dependent claims 6, 7 and 9 are also novel and inventive.

(B) RESULT

From above discussion, it is known that the combination of all the citations cannot have the features listed in the (1), (2) and (3).

Since in above discussion, it is apparent that no prior art has the features of the present invention, especially in new claim 5. Furthermore, as we know that no other prior art has features of the present invention. Thus, the present invention is novel and inventive.

If there is any error in the specification, or claims, applicant requests and authorizes Examiner to amend the claims, specification and drawings of the present invention so that they can match the requirement of U. S. Patent. Attentions of Examiner to this matter are greatly appreciated.

It is now believed that the subject Patent Application has been placed in condition for allowance, and such action is respectively requested.

Respectfully submitted.

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